

Appl. No. 10/003,845  
Amdt. dated Monday, January 5, 2004  
Reply to Office action of October 3, 2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently amended) A lamp assembly comprising:

a support circuit board, the circuit board having a first side and a second side, the circuit board defining an at least one aperture for communication between the first and second sides of the circuit board;

a plurality of light emitting diodes mounted to the circuit board;  
an electrical connection attached to the circuit board and extending outwardly of the lamp assembly;

a mold in place lens formed from material flowable about the circuit board and through the at least one aperture to encapsulate [material being juxtaposed with] the circuit board and light emitting diodes, [and formed] to provide a one-piece solid body about said circuit board and light emitting diodes, said solid body being formed into a predetermined shape [for the lens] defining said lamp assembly, the electrical connection extending outwardly of the lens assembly; said body and said lens being formed from the same material.

2. (Currently amended) The lamp assembly of claim 1 wherein the circuit board defines a plurality of apertures, the apertures [acting] positioned to prevent gasses from being trapped within the material during formation of the mold in place [lens] lamp assembly.

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3. (Previously amended) The lamp assembly of claim 2 wherein the circuit board has a reflector attached thereto.

4. (original) The lamp assembly of claim 3 wherein the circuit board has a plurality of reflectors attached thereto.

5. (original) The lamp assembly of Claim 1 wherein the LEDs are positioned and arranged in rows and columns.

6. (original) The lamp assembly of Claim 5 wherein at least one of the rows of LEDs emit light having a color different from at least another row of the LEDs.

7. (original) The lamp assembly of Claim 6 wherein the lens material has at least one opening formed in it for permitting attachment of the lamp assembly to another structure.

8. (original) The lamp assembly of Claim 1 wherein the lamp assembly withstands a force of at least 30 ft.lbs.per square inch of force without damage.

9. (Currently amended) A lamp assembly comprising:

a housing formed from a moldable translucent material;

a lens defined by the moldable, translucent material forming [a lens for] the lamp assembly;

a light emitting unit attached to a circuit board wherein the circuit board has been molded within the material, the circuit having at least one aperture formed in it for permitting flow of the translucent material through the circuit board; and

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electrical leads attached to circuit board that extend through the material to allow electrical connection to the circuit board, the housing and lens being formed from the same moldable, translucent material, the material defining a predetermined shape for the lamp assembly.

10. (original) The lamp assembly of claim 9 wherein the circuit board has a reflector attached thereto.

11. (original) The lamp assembly of claim 10 wherein the circuit board has a plurality of reflectors attached thereto.

12. (Currently amended) The lamp assembly of claim 9 wherein the circuit board defines [an aperture] a plurality of apertures positioned to prevent gasses being trapped with the material.

13. (Canceled)

14. (original) The lamp assembly of Claim 9 wherein the light emitting unit comprises a plurality of light emitting units comprising light emitting diodes (LEDs).

15. (original) The lamp assembly of Claim 14 wherein the LEDs are positioned and arranged in rows and columns.

16. (original) The lamp assembly of Claim 15 wherein at least a portion of one of the rows of LEDs emits light having a color different from at least a portion of another row of the LEDs.

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17. (original) The lamp assembly of Claim 9 wherein the lens material has at least one opening formed in it for permitting attachment of the lamp assembly to another structure.

18. (original) The lamp assembly of Claim 9 wherein the lens material can withstand a force of at least 30 ft.lbs.per square inch without damage.

19. (Currently amended) A lamp assembly comprising:

a housing;

a circuit board defining a plurality of apertures;

a light emitting unit connected to the circuit board; and

a lens formed from a moldable lens material, said lens material flowable through the aperture plurality;

wherein the circuit board and light emitting unit is submerged within the moldable lens material before hardening and the moldable lens material allowed to harden, such that the circuit board and light emitting unit are encased within the moldable lens material in the substantial absence of air, the housing and lens being formed from the same material, the material defining a predetermined shape for the housing.

20. (Previously amended) The lamp assembly of claim 19 wherein the light emitting unit comprises a light emitting diode.